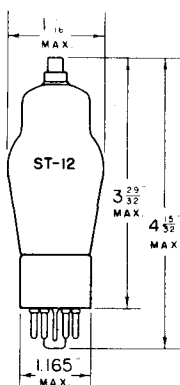


TUNG-SOL



TWIN TRIODE AMPLIFIER

UNIPOTENTIAL CATHODES

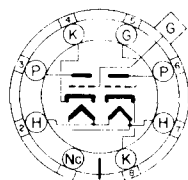
HEATER

6.3 VOLTS 0.6 AMPERE

AC OR DC

GLASS BULB

SMALL 8 PIN OCTAL BASE

G-8G
BOTTOM VIEW

THE TUNG-SOL 6F8G IS A GENERAL PURPOSE TWIN TRIODE VOLTAGE AMPLIFIER HAVING TWO COMPLETELY INDEPENDENT TRIODE UNITS IN ONE BULB. WITH THE EXCEPTION OF CAPACITANCES, THE ELECTRICAL CHARACTERISTICS OF EACH TRIODE SECTION ARE IDENTICAL TO THOSE OF THE 6J5, 6J5G AND 6J5GT.

RATINGS

MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION PER UNIT	2.5	WATTS
MINIMUM CONTROL GRID VOLTAGE	0	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER (EACH UNIT)

PLATE VOLTAGE	90	250	VOLTS
CONTROL GRID VOLTAGE	0	-8	VOLTS
PLATE CURRENT	10.0	9.0	MA.
PLATE RESISTANCE	6700	7700	OHMS
TRANSCONDUCTANCE	3000	2600	μMHOS
AMPLIFICATION FACTOR	20	20	

DIRECT INTERELECTRODE CAPACITANCES^A

	TRIODE UNIT 1	TRIODE UNIT 2	
GRID TO CATHODE	3.2	3.0	μμf
PLATE TO CATHODE	3.2	3.8	μμf
GRID TO PLATE	4.0	3.6	μμf
GRID 1 TO GRID 2		0.2	μμf
PLATE 1 TO PLATE 2		0.4	μμf
GRID 2 TO PLATE 1		0.1	μμf

^A WITH EXTERNAL SHIELD CONNECTED TO CATHODE.

TRIODE 1 - TRIODE HAVING GRID BROUGHT OUT TO BASE PIN.

TRIODE 2 - TRIODE HAVING GRID BROUGHT TO THE TOP CAP.

6F8G

